

Form 1449

U.S. Department of Commerce
Patent and Trademark OfficeATTY. DOCKET NO.
2313-117SERIAL NO.
New ~~Div. of~~
~~09/407,904~~ 901,013LIST OF MATERIALS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Wei-Sing CHUFILING DATE
HerewithGROUP 1641
To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>u</i>	AA	3	9	6	1	0	9	7	6/01/76	Gravlee, Jr.			
	AB	4	6	1	5	9	8	4	10/7/86	Stoker			
	AC	4	8	3	9	1	9	4	6/13/89	Malluche et al.			
	AD	4	8	9	1	2	3	9	1/02/90	Dudley et al.			
	AE	4	9	6	1	8	6	0	10/9/90	Masri			
	AF	5	0	8	9	2	8	8	2/18/92	Berger			
	AG	5	1	6	4	0	9	4	11/17/92	Stuckart			
<i>u</i>	AH	5	8	5	3	9	9	4	12/29/98	Gopinathan et al.			
<i>u</i>	AI	6	0	8	6	8	2	1	7/11/00	Lee			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>u</i>	AJ	1	0	5	6	9	7	7	11/30/83	SU			XX	

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>u</i>	AK	Arnett, C.E. and Low, F.N., "Ultrasonic Microdissection of Rat Cerebellum for Scanning Electron Microscopy", <i>Scanning Electron Microscopy</i> 1985; pp 247-255											
	AL	Beckstead, J.H., "A Simple Technique for Preservation of Fixation-sensitive Antigens in Paraffin-embedded Tissues", <i>Journal of Histochemistry and Cytochemistry</i> , 1994; 42(8):1127-1134											
<i>u</i>	AM	Boon, M.E., et al. "Microwave irradiation of human brain tissue: production of microscopic slides within one day", <i>J. Clin. Path.</i> , 1988; 41:590-593											
<i>u</i>	AN	Bosward, K.L., et al. "Heating of Guinea-Pig Fetal Brain During Exposure to Pulsed Ultrasound", <i>Ultrasound in Med. & Biol.</i> , 1993; 19(5):415-424											

EXAMINER

P. Chin

DATE CONSIDERED

6/3/03

EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449		U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET NO. 2313-117	SERIAL NO. New -Div. of 09/407,964 901, 013
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Wei-Sing CHU	
				FILING DATE Herewith	GROUP / 67/ To Be Assigned
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
u	AO	Botsman, N.E. and Bobrova, G.G., "An accelerated method of making histological preparations with the use of ultrasonics", <i>Ark Patol.</i> , 1968; 30(1):72-75 (with 2 pp. translation and 1 p. PubMed)			
	AP	Chen, R., et al. "Ultrasound-Accelerated Immunoassay, as Exemplified by Enzyme Immunoassay of Choriogonadotropin", <i>Clinical Chemistry</i> , 1984; 30(9):1446-1450			
	AQ	Crouse, C., et al. "Extraction of DNA from Forensic-Type Sexual Assault Specimens Using Simple, Rapid Sonication Procedures", <i>BioTechniques</i> , 1993; 15(4):641, 642, 644, 646, 648 (missing pages are advertisements)			
	AR	Drakhli, E. "Methods of using ultrasonics in a quick histological treatment of tissues", <i>Ark Patol</i> , 1967; 29(3):81-82 (with 2 pp. translation and 1 p. PubMed)			
	AS	Grundy, M.A., et al. "Increased sensitivity of diagnostic latex agglutination tests in an ultrasonic standing wave field", <i>Journal of Immunological Methods</i> , 1994; 176:169-177			
	AT	Jenkins, P., et al. "Detection of meningitis antigens in buffer and body fluids by ultrasound-enhanced particle agglutination", <i>Journal of Immunological Methods</i> , 1997; 205:191-200			
	AU	Jepras, R.I., et al. "Agglutination of <i>Legionella pneumophila</i> by antiserum is accelerated in an ultrasonic standing wave", <i>Journal of Immunological Methods</i> , 1989; 120:201-205			
	AV	King, J.A.C. and Hossler, F.E. "The gill arch of the striped bass, <i>Morone saxatilis</i> . III. Morphology of the basal lamina as revealed by various ultrasonic microdissection procedures", <i>J. Submicrosc. Cytol. Pathol.</i> , 1988; 20(2):371-377			
	AW	Kondo, T. et al. "Damage in DNA Irradiated with 1.2 MHz Ultrasound and Its Effect on Template Activity of DNA for RNA Synthesis", <i>Radiation Research</i> , 1985; 104:284-292			
	AX	Kost, J., et al. "Enhanced Protein Blotting from PhastGel Media to Membranes by Irradiation of Low-Intensity Ultrasound", <i>Analytical Biochemistry</i> , 1994; 216:27-32			
	AY	Leong, A.S-Y "Microwave Fixation and Rapid Processing in a Large Throughput Histopathology Laboratory", <i>Pathology</i> , 1991; 23:271-273			
u	AZ	Login, G.R., et al. "Rapid Microwave Fixation of Human Tissues for Light Microscopic Immunoperoxidase Identification of Diagnostically Useful Antigens", <i>Laboratory Investigation</i> , 1987; 57(5):585-591			
EXAMINER P. Chin			DATE CONSIDERED 6/3/03		
EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

Form 1449

U.S. Department of Commerce
Patent and Trademark OfficeATTY. DOCKET NO.
2313-117SERIAL NO.
New ~~Div. of~~
09/407,964 901, 013LIST OF MATERIALS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Wei-Sing CHUFILING DATE
To Be AssignedGROUP 1641
To Be Assigned

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<u>u</u>	AAA	Ma, Y. and Yeung, E.S. "Effect of Ultrasound on the Separation of DNA Fragments in Agarose Gel Electrophoresis", <i>Analytical Chemistry</i> , June 1, 1990; 62(11):1194-1196
	AAB	Matsuta, M., et al. "Applications of DNA Flow Cytometry and Fluorescence <i>In situ</i> Hybridization Using a Chromosome-specific DNA Probe on Paraffin-embedded Tissue Sections of Primary Malignant Melanomas", <i>Journal of Dermatology</i> , 1994; 21:14-19
	AAC	Nishimura, R., et al. "Improved Lipid Visualization with a Modified Osmium Tetroxide Method Using Ultrasonic Treatment and Intensification with Imidazole or Triazole", <i>Biotechnic & Histochemistry</i> , 1995; 70(1):28-32
	AAD	Obertyshev, V.G. "Ultrasonic express paraffin handling of histological specimens", <i>Sud Med Ekspert</i> , 1987; 30(4):56-58 (with 2 pp. translation and 1 p. PubMed)
	AAE	Podkletnova, I. and Alho, H. "Ultrasound-amplified Immunohistochemistry", <i>Journal of Histochemistry and Cytochemistry</i> , 1993; 41(1):51-56
	AAF	Polonyi, J., et al. "Glutaraldehyde Fixation of Animal Tissues for Electron Microscopy Accelerated by Ultrasound", <i>Bratisl. Lek. Listy.</i> , 1984; 81:566-573 (only the abstract is translated)
	AAG	Rozenberg, V.D. "The Results and prospects of using ultrasound in pathohistological practice", <i>Arkh Patol</i> , 1991; 53(6):68-69 (with 2 pp. translation and 1 p. PubMed)
	AAH	Shmurun, R.I. "Methods for the rapid preparation of paraffin blocks", <i>Arkh Patol</i> , 1992; 54(9):46-47 (with 2 pp. translation and 1 p. PubMed)
	AAI	Sinisterra, J.V. "Application of ultrasound to biotechnology: an overview", <i>Ultrasonics</i> , 1992; 30(3):180-185
	AAJ	Williams, J.H., et al. "Tissue preparation for immunocytochemistry", <i>J. Clin. Pathol.</i> , 1997; 50:422-428
↓	AAK	Yasuda, K., et al. "Application of Ultrasound for Tissue Fixation: Combined Use with Microwave to Enhance the Effect of Chemical Fixation", <i>Acta Histochem. Cytochem.</i> , 1992; 25(1&2):237-244
<u>u</u>	AAL	Yasuda, K. "Use of Ultrasound for Tissue Fixation", Proceedings of the Histochemical Society, Abstract 186, p. 1060

EXAMINER

P. Chin

DATE CONSIDERED

6/3/03

EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.